## You

How can I fix this error on github desktop? Cloning into 'C:\Users\HasanAkh1\Documents\GitHub\BCFT-AI'...
fatal: unable to access '<https://github.com/HasanBradfordUni/BCFT-AI.git/>': CONNECT tunnel failed, response 407

## Copilot

The error message you're encountering indicates an issue with proxy authentication. Let's troubleshoot this:

1. **Check Proxy Settings:**
   * First, ensure that your proxy settings are correctly configured in Git. You can do this by running the following commands in your Git Bash or terminal:
   * Replace <username>, <userpsw>, <proxy>, and <port> with your actual proxy details.
2. **SSL Verification:**
   * Sometimes SSL verification can cause issues. You can disable it using:
   * Note that this step is necessary; otherwise, you might encounter an "SSL certificate problem: unable to get local issuer certificate" error.
3. **Clone Using HTTP Instead of HTTPS:**
   * Try cloning using the HTTP URL instead of HTTPS. Update your remote URL like this:
   * Replace the URL with the correct repository link.
4. **Restart Proxy Server (if applicable):**
   * If you're using a proxy server like CNTLM, try restarting it. Sometimes this resolves authentication issues.

Remember to replace placeholders with your actual values. If none of these steps work, consider checking your network configuration or contacting your IT department for further assistance [1] [ ] [2]. Good luck! 🚀

Source: Conversation with Copilot, 8/15/2024

1. [git returns http error 407 from proxy after CONNECT](https://stackoverflow.com/questions/24907140/git-returns-http-error-407-from-proxy-after-connect)
2. [unable to access received http code 407 github desktop #13330](https://github.com/desktop/desktop/issues/13330)
3. [Unable to connect to git remote repository - Stack Overflow](https://stackoverflow.com/questions/24543372/unable-to-connect-to-git-remote-repository)
4. [Cannot log in to github desktop while working behind a proxy](https://github.com/desktop/desktop/issues/10635)
5. [github - Git through a Proxy. What is causing the 407 error when ...](https://stackoverflow.com/questions/8561671/git-through-a-proxy-what-is-causing-the-407-error-when-cloning)
6. <https://bing.com/search?q=>
7. <https://github.com/someUser/someRepo.git>
8. <https://username@bitbucket.org/sacgf/x.git/>
9. [fatal: unable to access 'https://github.com/xxx/xxx.git/': CONNECT ...](https://stackoverflow.com/questions/77103474/fatal-unable-to-access-https-github-com-xxx-xxx-git-connect-tunnel-failed)
10. <http://github.com/project/project.git>
11. <http://github.com/project/project.git/info/refs>
12. <http://www.cloudforge.com>
13. <https://github.com/xxx/xxx.git/>

## You

What proxy and port numbers would I use for this command: Cloning into 'C:\Users\HasanAkh1\Documents\GitHub\BCFT-AI'...
fatal: unable to access '<https://github.com/HasanBradfordUni/BCFT-AI.git/>': CONNECT tunnel failed, response 407

## Copilot

To resolve the "HTTP code 407" error when cloning a Git repository through a proxy, follow these steps:

1. **Proxy Configuration:**
   * First, you'll need to manually configure the proxy settings in Git. Open your Git Bash or terminal and run the following commands:
   * Replace <username>, <userpsw>, <proxy>, and <port> with your actual proxy details.
2. **SSL Verification:**
   * Disable SSL verification (if necessary) using:
   * This step is essential; otherwise, you might encounter an "SSL certificate problem: unable to get local issuer certificate" error.
3. **Clone Using HTTP Instead of HTTPS:**
   * Try cloning using the HTTP URL instead of HTTPS. Update your remote URL like this:
4. **Restart Proxy Server (if applicable):**
   * If you're using a proxy server like CNTLM, restart it. Sometimes this resolves authentication issues.

Remember to replace placeholders with your actual values. If none of these steps work, consider checking your network configuration or contacting your IT department for further assistance [1] [ ] [2]. Good luck! 🚀

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1. [git returns http error 407 from proxy after CONNECT](https://stackoverflow.com/questions/24907140/git-returns-http-error-407-from-proxy-after-connect)
2. [unable to access received http code 407 github desktop #13330](https://github.com/desktop/desktop/issues/13330)
3. [I am failing to clone a git repo when behind a proxy](https://unix.stackexchange.com/questions/9551/i-am-failing-to-clone-a-git-repo-when-behind-a-proxy)
4. [fatal: unable to access 'https://github.com/xxx/xxx.git/': CONNECT ...](https://stackoverflow.com/questions/77103474/fatal-unable-to-access-https-github-com-xxx-xxx-git-connect-tunnel-failed)
5. [github - Git through a Proxy. What is causing the 407 error when ...](https://stackoverflow.com/questions/8561671/git-through-a-proxy-what-is-causing-the-407-error-when-cloning)
6. <https://bing.com/search?q=>
7. <https://github.com/someUser/someRepo.git>
8. <https://username@bitbucket.org/sacgf/x.git/>
9. <https://github.com/xxx/xxx.git/>
10. <http://github.com/project/project.git/info/refs>

## You

What proxy and port numbers would I use for this command: git config --global http.proxy http://:@:
git config --global https.proxy http://:@:

## Copilot

Certainly! When configuring the proxy settings in Git, you'll need to replace the placeholders with your actual values:

1. <username>: Your proxy username (if required).
2. <userpsw>: Your proxy password (if required).
3. <proxy>: The proxy server address (e.g., proxy.example.com).
4. <port>: The port number for the proxy (usually 80 or 8080).

Make sure to obtain these details from your network administrator or IT department. Once you have the correct information, replace the placeholders in the commands you provided. Good luck! 🚀